

XIZIIPARKING



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PCS

PARKING SYSTEMS



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Low energy
consumption

Low noise

Low vibration

01

VEHICLE PANEL CATEGORY

CLASSIC

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VEHICLE PANEL CATEGORY

CLASSIC

HIGH RISE TOWER LIBRARY

PARKING TOWER-PCS

LEADING TECHNOLOGY IN THE INDUSTRY

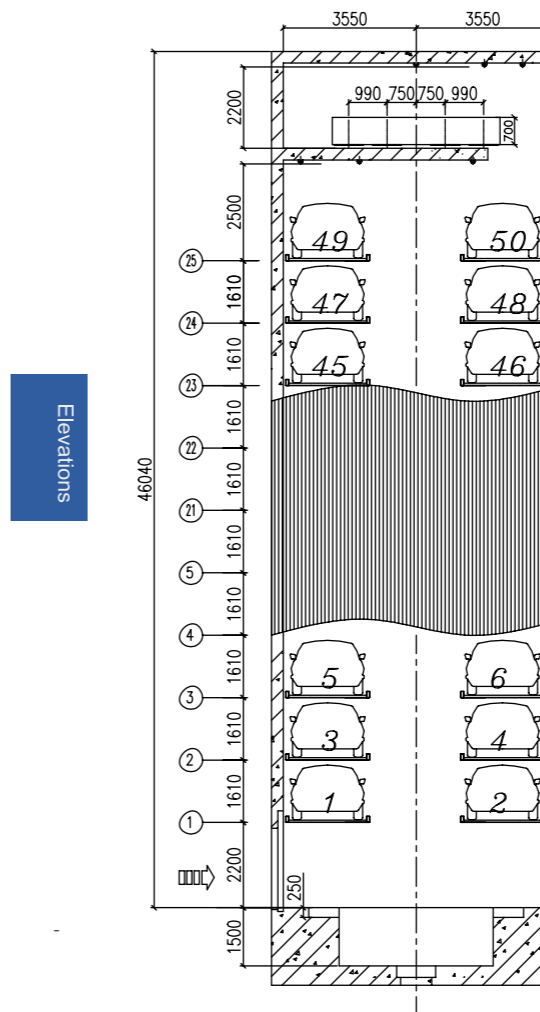
THE PCS TYPE TOWER GARAGE IS DEVELOPED BY INTRODUCING ADVANCED GARAGE TECHNOLOGY FROM JAPAN'S IHI. IT HAS A BUILT-IN AUTOMATIC LIFTING AND ROTATING DEVICE AND IS EQUIPPED WITH ADVANCED NAVIGATION INSTRUCTIONS. IT IS EASY AND CONVENIENT TO ACCESS VEHICLES, WITHOUT THE NEED TO REVERSE, AND IS FRIENDLY TO NOVICES. THE GARAGE ADOPTS VARIABLE VOLTAGE AND FREQUENCY (VVVF) DRIVE AND MICROCOMPUTER CONTROL TO ACHIEVE HIGH OPERATION EFFICIENCY, LOW VIBRATION, LOW NOISE, AND LOW COST.

Equipment integration into the environment

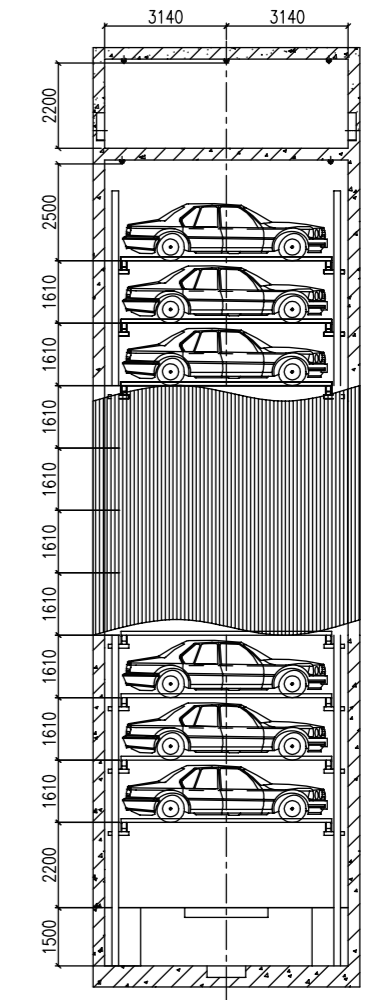
Efficient use of land

PCSs50T-XI

90° concrete



Elevations

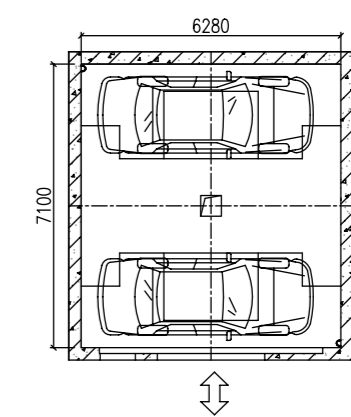


Side view

Technique Specification		
Mode	PCSs50T-XI	
Car Lots	50	
Maximum Car Dimension	Car length	5300mm
	Car width	1900mm
	With side mirror	2050mm
	tyre outboard	1860mm
	Car height	1550mm
	Car weight	2350kg
Parking Method	Forward in, forward out	
Operation Mode	Touch screen	
Motor Power	30Kw	
Lift speed	60-120m/min	
Power supply	3-phase 5-wire 50KVA (Single seat)	

Vehicle load of 2600kg can be customized by the request.

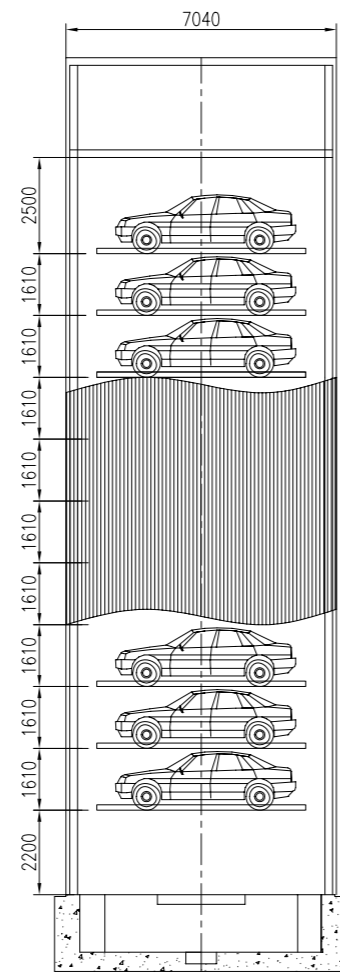
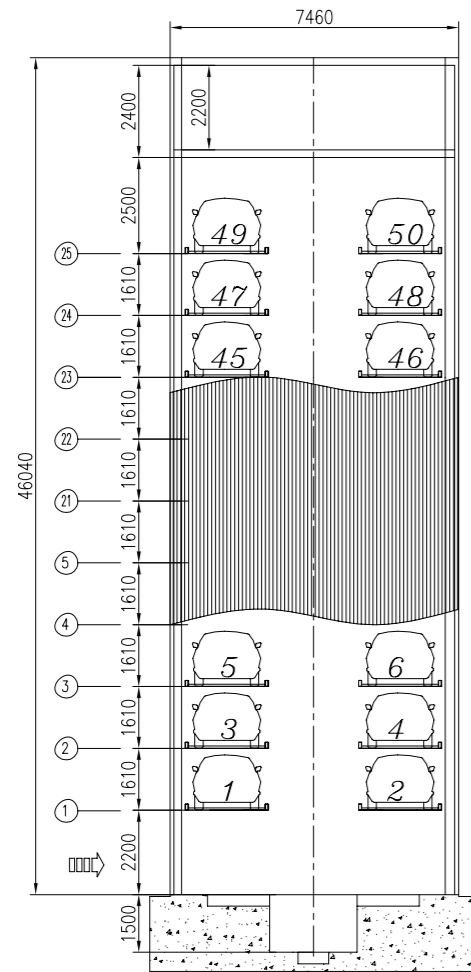
Parameter table



Vertical view

PCs50T-XI

90° steel structure

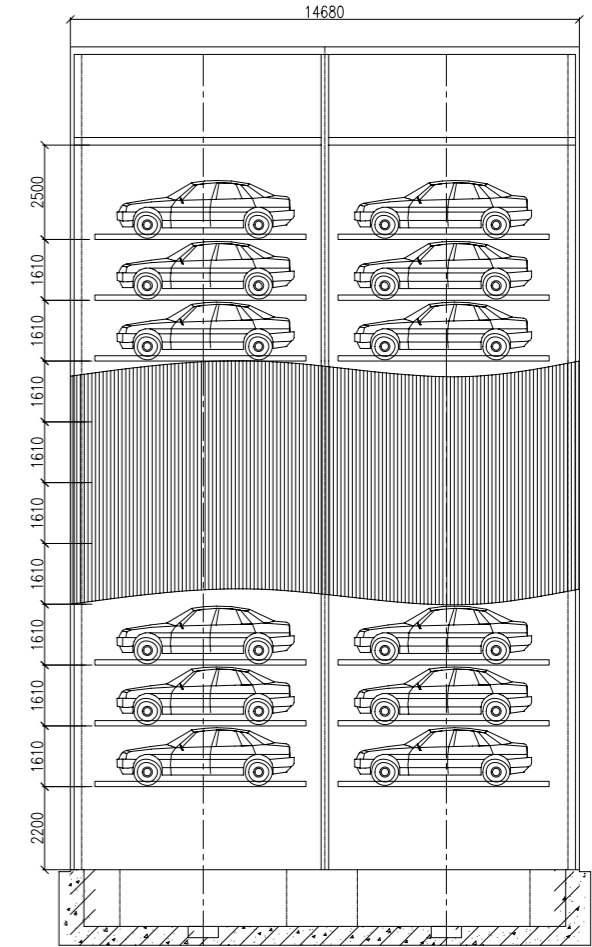
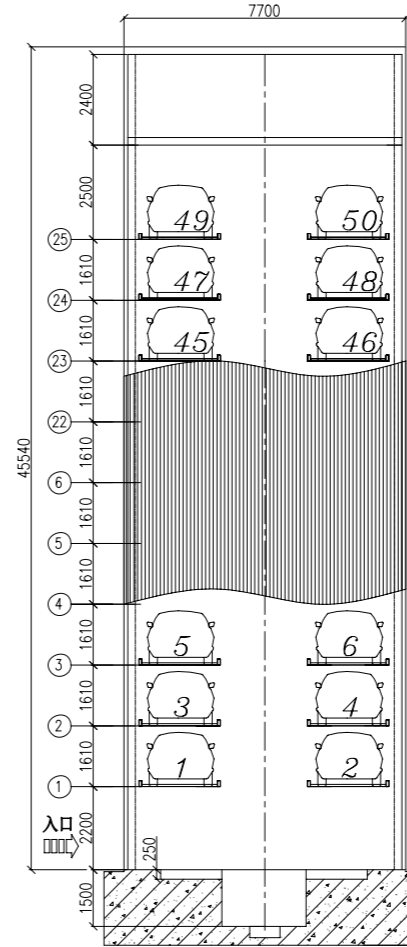


Elevations

Side view

PCs50T-XI

90° Parallel connection of steel structures



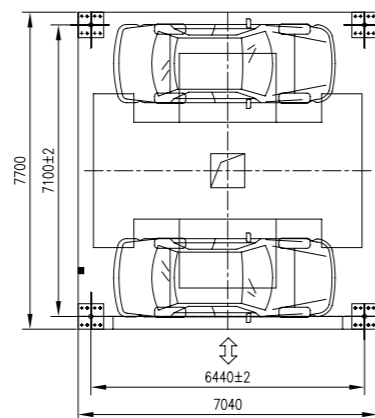
Elevations

Side view

Technique Specification		
Mode	PCs50T-XI	
Car Lots	50	
Maximum Car Dimension	Car length	5300mm
	Car width	1900mm
	With side mirror	2050mm
	tyre outboard	1860mm
	Car height	1550mm
	Car weight	2350kg
Parking Method	Forward in,forward out	
Operation Mode	Touch screen	
Motor Power	30Kw	
Lift speed	60-120m/min	
Power supply	3-phase 5-wire 50KVA (Single seat)	

Vehicle load of 2600kg can be customized by the request.

Parameter table

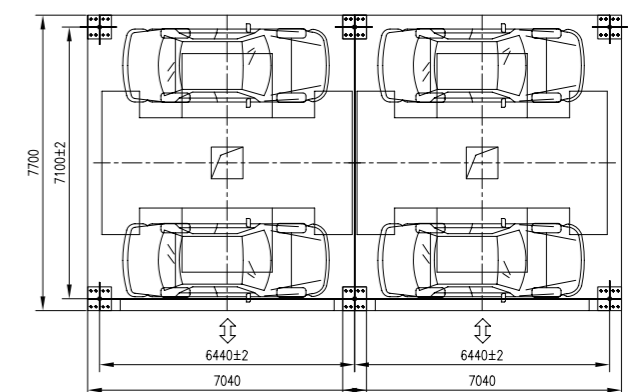


Vertical view

Technique Specification		
Mode	PCs50T-XI	
Car Lots	50*2=100	
Maximum Car Dimension	Car length	5300mm
	Car width	1900mm
	With side mirror	2050mm
	tyre outboard	1860mm
	Car height	1550mm
	Car weight	2350kg
Parking Method	Forward in,forward out	
Operation Mode	Touch screen	
Motor Power	30Kw	
Lift speed	60-120m/min	
Power supply	3-phase 5-wire 50KVA (Single seat)	

Vehicle load of 2600kg can be customized by the request.

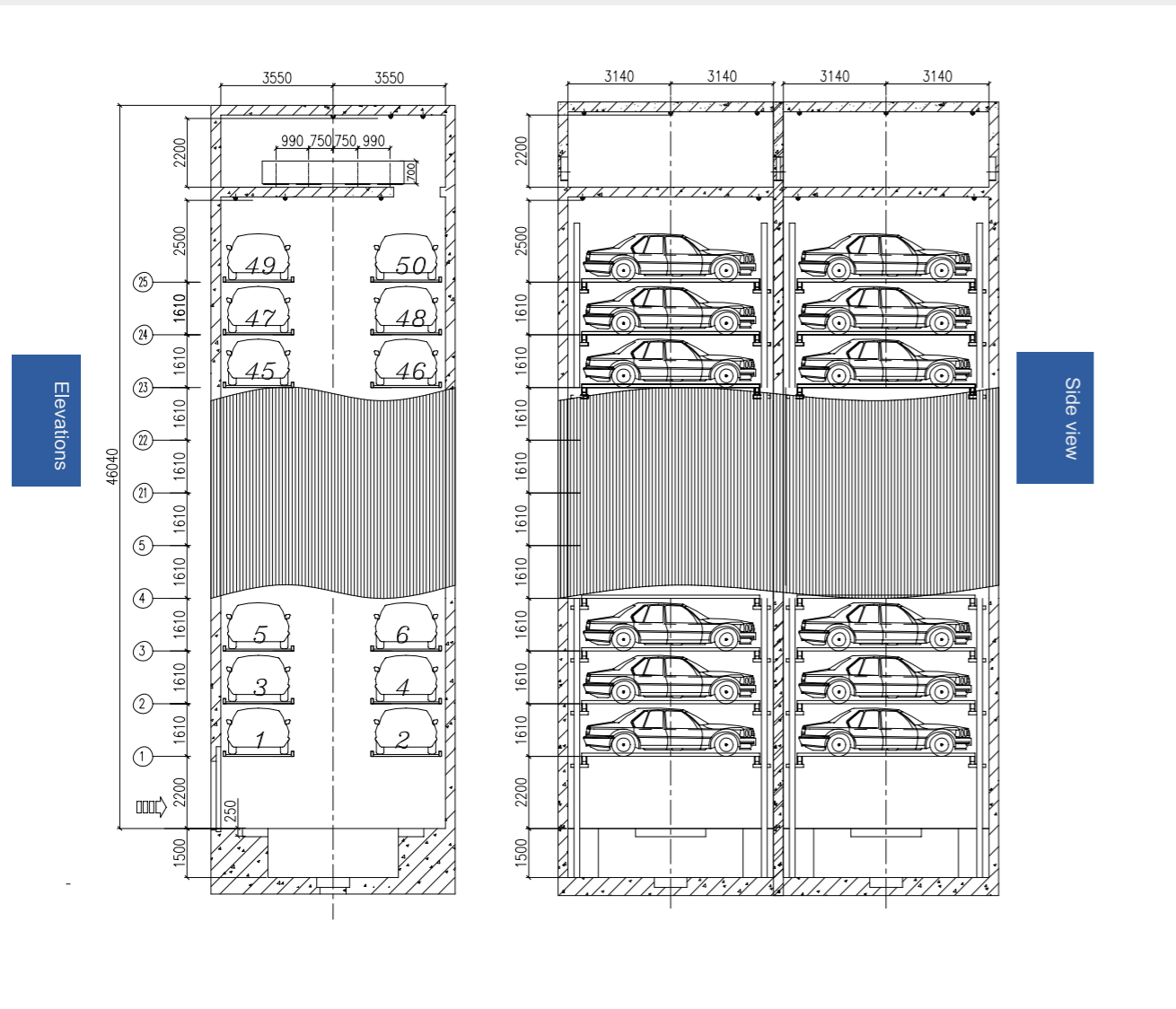
Parameter table



Vertical view

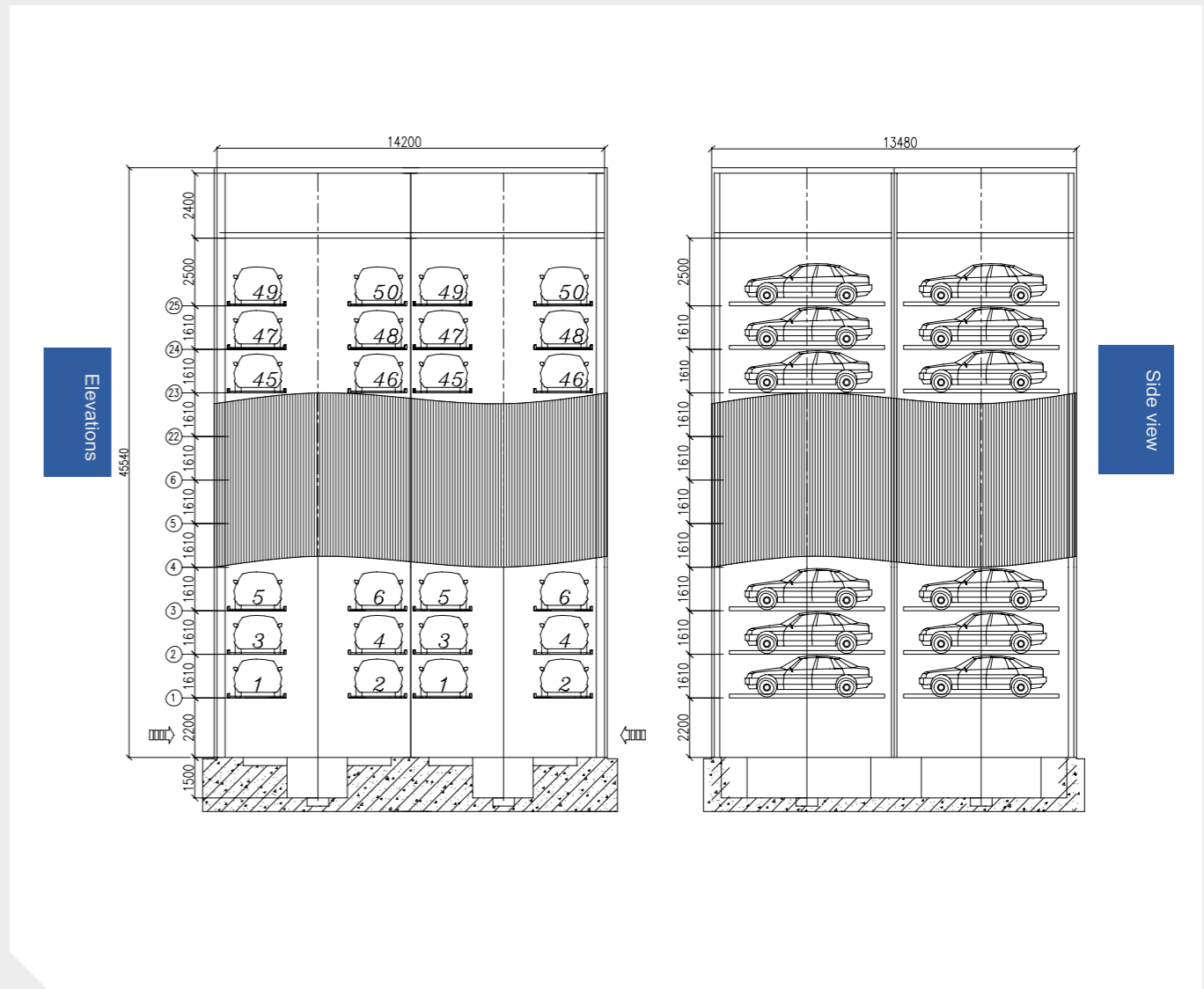
PCSs50T-XI

90° Concrete parallel connection



PCSs50T-XI

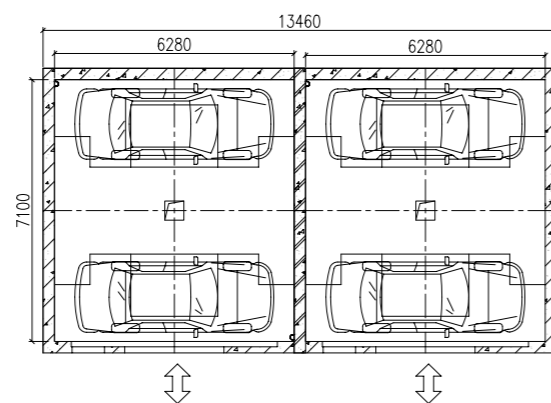
Steel structure field shape



Technique Specification		
Mode	PCSs50T-XI	
Car Lots	50*4=200	
Maximum Car Dimension	Car length	5300mm
	Car width	1900mm
	With side mirror	2050mm
	tyre outboard	1860mm
	Car height	1550mm
	Car weight	2350kg
Parking Method	Forward in,forward out	
Operation Mode	Touch screen	
Motor Power	30Kw	
Lift speed	60-120m/min	
Power supply	3-phase 5-wire 50KVA (Single seat)	

Vehicle load of 2600kg can be customized by the request.

Parameter table

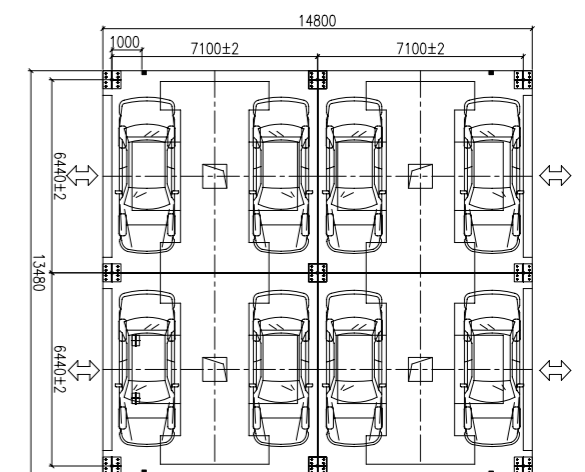


Vertical view

Technique Specification		
Mode	PCSs50T-XI	
Car Lots	50*4=200	
Maximum Car Dimension	Car length	5300mm
	Car width	1900mm
	With side mirror	2050mm
	tyre outboard	1860mm
	Car height	1550mm
	Car weight	2350kg
Parking Method	Forward in,forward out	
Operation Mode	Touch screen	
Motor Power	30Kw	
Lift speed	60-120m/min	
Power supply	3-phase 5-wire 50KVA (Single seat)	

Vehicle load of 2600kg can be customized by the request.

Parameter table



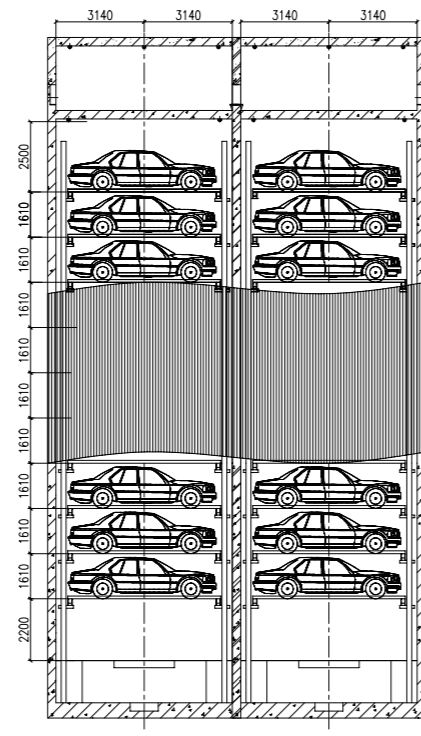
Vertical view

PCs50T-XI

Concrete field shape



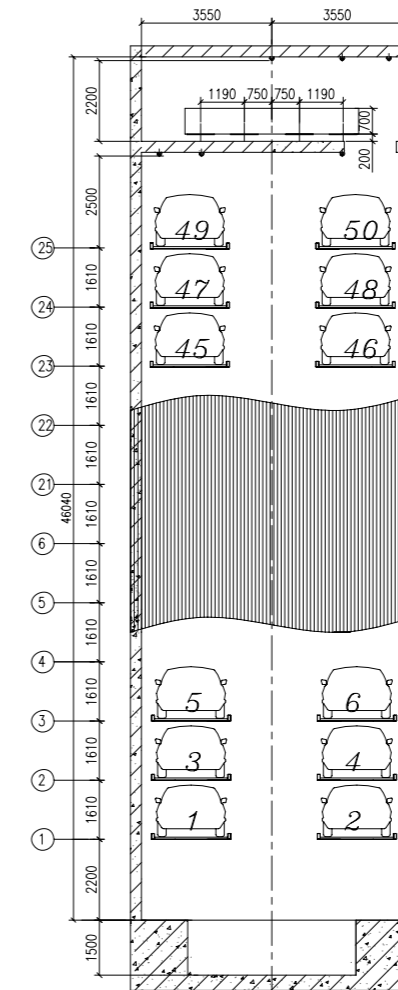
Elevations



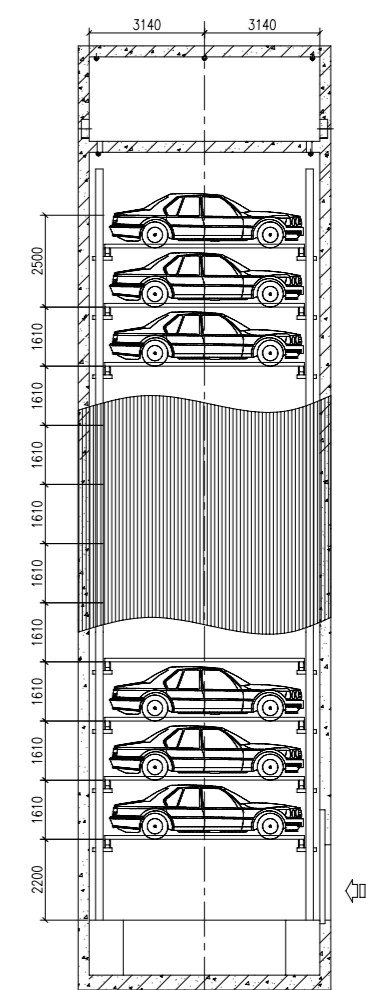
Side view

PCs50T-XI

180° concrete



Elevations

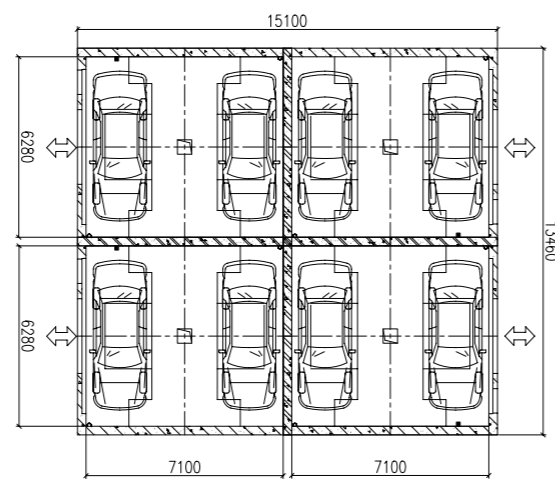


Side view

Technique Specification		
Mode	PCs50T-XI	
Car Lots	50*4=200	
Maximum Car Dimension	Car length	5300mm
	Car width	1900mm
	With side mirror	2050mm
	tyre outboard	1860mm
	Car height	1550mm
	Car weight	2350kg
Parking Method	Forward in,forward out	
Operation Mode	Touch screen	
Motor Power	30Kw	
Lift speed	60-120m/min	
Power supply	3-phase 5-wire 50KVA (Single seat)	

Vehicle load of 2600kg can be customized by the request.

Parameter table

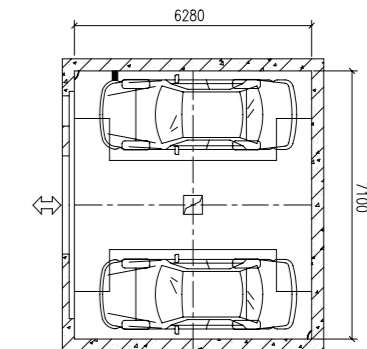


Vertical view

Technique Specification		
Mode	PCs50T-XI	
Car Lots	50	
Maximum Car Dimension	Car length	5300mm
	Car width	1900mm
	With side mirror	2050mm
	tyre outboard	1860mm
	Car height	1550mm
	Car weight	2350kg
Parking Method	Forward in,forward out	
Operation Mode	Touch screen	
Motor Power	30Kw	
Lift speed	60-120m/min	
Power supply	3-phase 5-wire 50KVA (Single seat)	

Vehicle load of 2600kg can be customized by the request.

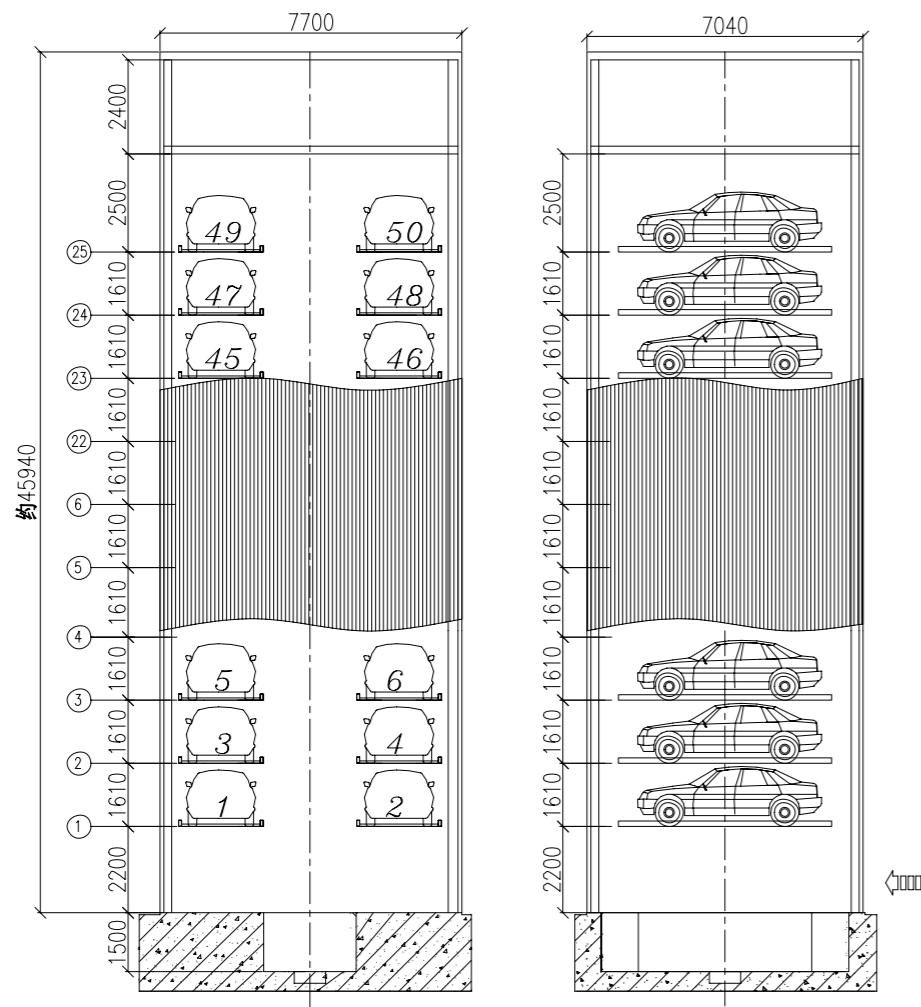
Parameter table



Vertical view

PCs50T-XI

180° steel structure



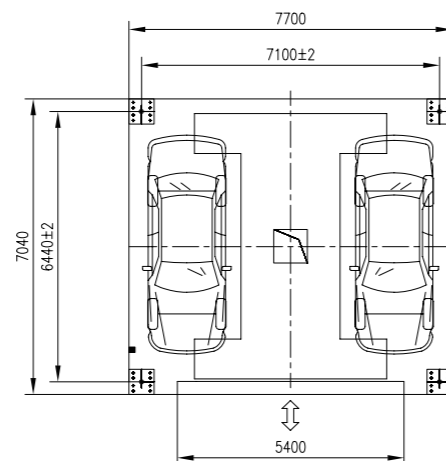
Elevations

Side view

Technique Specification		
Mode	PCs50T-XI	
Car Lots	50	
Maximum Car Dimension	Car length	5300mm
	Car width	1900mm
	With side mirror	2050mm
	tyre outboard	1860mm
	Car height	1550mm
	Car weight	2350kg
Parking Method	Forward in, forward out	
Operation Mode	Touch screen	
Motor Power	30Kw	
Lift speed	60-120m/min	
Power supply	3-phase 5-wire 50KVA (Single seat)	

Vehicle load of 2600kg can be customized by the request.

Parameter table



Vertical view

VEHICLE PANEL CATEGORY EXTREME TYPE

HIGH RISE TOWER LIBRARY

SUPER HISERISE PARKING TOWER

LEADING TECHNOLOGY IN THE INDUSTRY

FAST ACCESS SPEED

THE MAXIMUM LIFTING SPEED REACHES 180 METERS PER MINUTE AND THE WAITING TIME FOR PARKING IS SHORT, MAKING IT POPULAR AMONG USERS. HUMANIZED DESIGN, BUILT-IN TURNABLE IN THE PARKING GARAGE, FRONT ENTRY AND EXIT, EASY TO USE. CAN ACCOMMODATE A VARIETY OF VEHICLE TYPES, INCLUDING CARS, SUVs, ETC.

50^{M²}

Cover an area

100^M

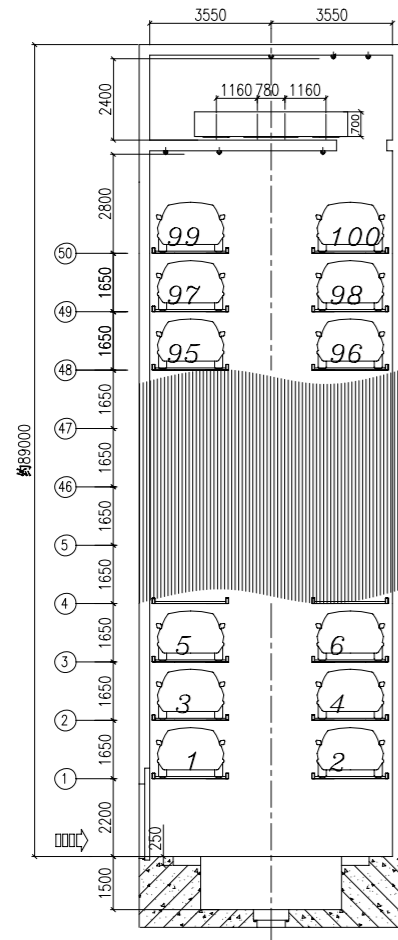
Height

104
Vehicle

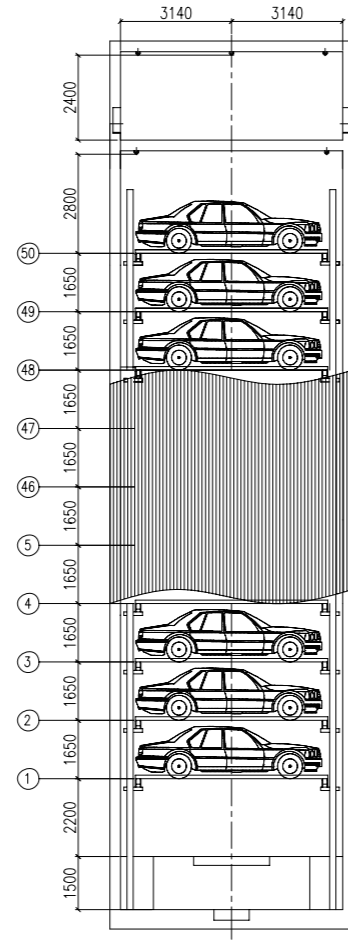
Park

SUPER HISERISE PARKING TOWER

Elevations



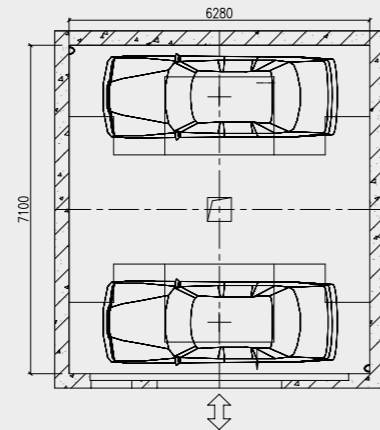
Side view



Technique Specification	
Mode	PCSs100T-XI
Car Lots	100
Car length	5300mm
Car width	1900mm
With side mirror	2050mm
tyre outboard	1860mm
Car height	1550mm
Car weight	2350kg
Parking Method	Forward in, forward out
Operation Mode	Touch screen
Motor Power	30Kw
Lift speed	60-120m/min
Power supply	3-phase 5-wire 50KVA (Single seat)

Vehicle load of 2600kg can be customized by the request.

Parameter table



Vertical view

VEHICLE PANEL CATEGORY

EXTREME TYPE

CAISSON PARKING TOWER

- **High space utilization rate**

Downward utilization of space, solving height limit requirements without affecting the lighting of surrounding buildings, etc

- **System intelligence**

The green and environmentally friendly whole machine PLC system consists of parking detection and guidance system, safety protection system, automatic fire protection system, etc

- **Intelligent management**

Touch screen control, convenient access to vehicles, safe parking, fully enclosed management, unmanned garage area

- **Green and environmentally friendly**

Reduce noise and exhaust emissions, and reduce the impact on surrounding residents

DEVELOPED INDEPENDENTLY WITH ADVANCED GARAGE TECHNOLOGY

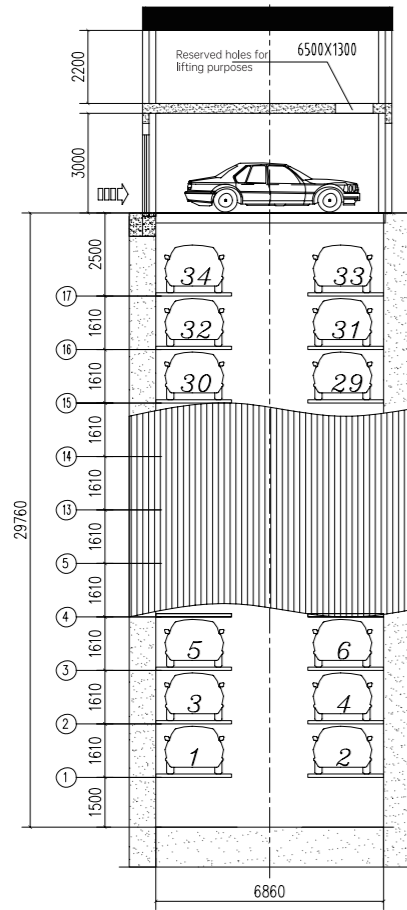
The company has continuously developed and innovated, exploring underground spaces on the basis of existing advanced technologies, and successfully developed a new model of intelligent parking garage with sunken wells. Equipped with an automatic lifting and rotating device and advanced navigation instructions, the car is easy and fast to access. The entire garage is operated with low vibration, low noise, low cost, and high efficiency through variable voltage variable frequency drive and microcomputer control. The company has undertaken multiple sunken well style projects, ranging from 32 meters to 43 meters deep, continuously breaking the world's deepest record for sunken well tower style garages.

CAISSON PARKING TOWER

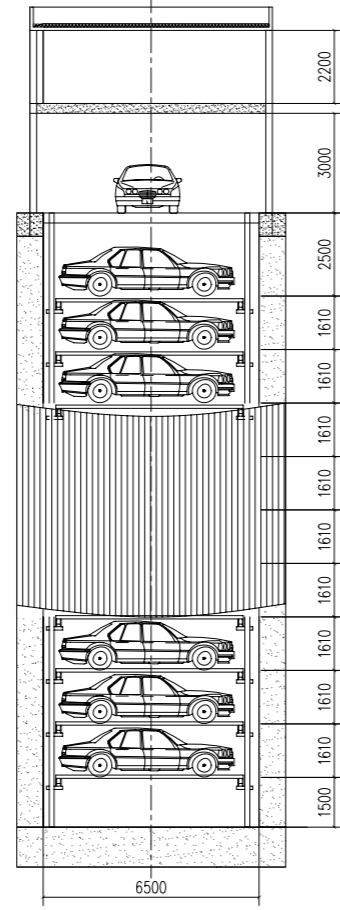
VEHICLE PANEL CATEGORY EXTREME TYPE

PALLET SWAPING PARKING TOWER

Elevations



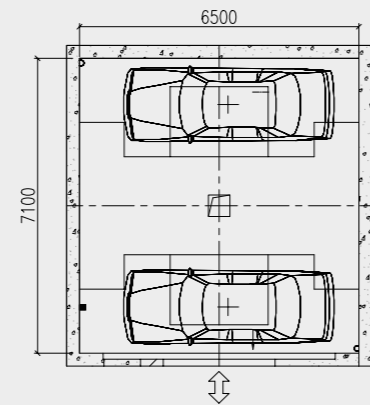
Side view



Technique Specification		
Mode	PCs34T-XI	
Car Lots	34	
Maximum Car Dimension	Car length	5300mm
	Car width	1900mm
	With side mirror	2050mm
	tyre outboard	1860mm
	Car heigth	1550mm
	Car weigth	2350kg
	Parking Method	Forward in,forward out
Operation Mode	Touch screen	
Motor Power	30Kw	
Lift speed	60~120m/min	
Power supply	3-phase 5-wire 50KVA (Single seat)	

Vehicle load of 2600kg can be customized by the request.

Parameter table



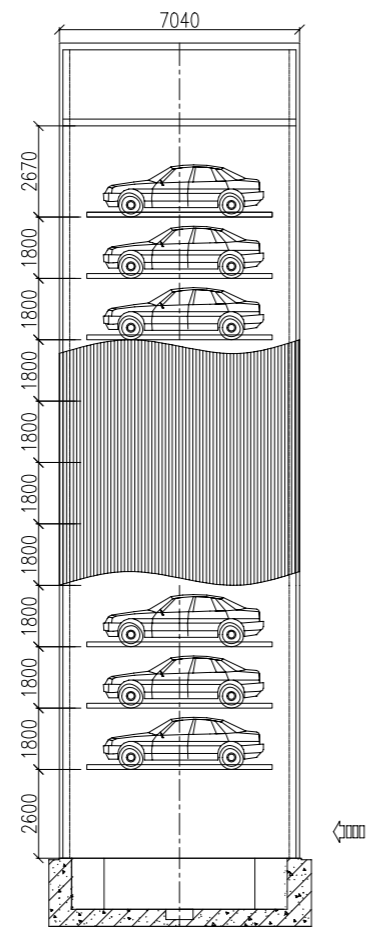
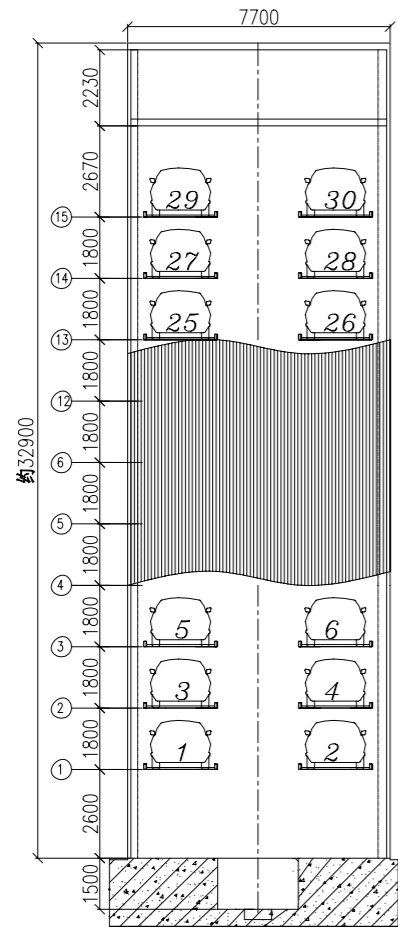
Vertical view



QUICK SWAPING,RUDUCE TIME

PALLET SWAPING PARKING TOWER

Elevations

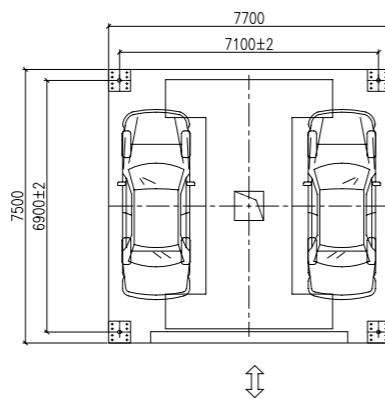


Side view

Technique Specification		
Mode	PCS30T-XI (180°)	
Car Lots	30	
Maximum Car Dimension	Car length	5300mm
	Car width	1900mm
	With side mirror	2050mm
	tyre outboard	1860mm
	Car heigth	1550mm
	Car weigth	2350kg
Parking Method	Forward in,forward out	
Operation Mode	Touch screen	
Motor Power	30Kw	
Lift speed	60-120m/min	
Power supply	3-phase 5-wire 50KVA (Single seat)	

Vehicle load of 2500kg can be customized by the request.

Parameter table



Vertical view

VEHICLE PANEL CATEGORY EXTREME TYPE

QUICK INSTALL
SMART TOWER

- GREEN AND ENVIRONMENTAL PROTECTION
- 10 DAYS FOR INSTALLATION
- EFFICIENT AND ECONOMICAL



UNIQUE INDUSTRIAL TYLE PAINTING

FAST LOADING, EFFICIENT AND CONVENIENT

● QUICK INSTALLATION TOWER MECHANICAL PARKING EQUIPMENT

● Overview

Reliable and intelligent

Implement PCS industry standard of intelligent tower, with high security level
Adopt variable voltage and frequency conversion drive with PLC control mode, which is intelligent and precise to park and retrieve cars.

Flexible and convenient

Compatible with a variety of car types, flexible and intelligent to control and operate which is safe and convenient

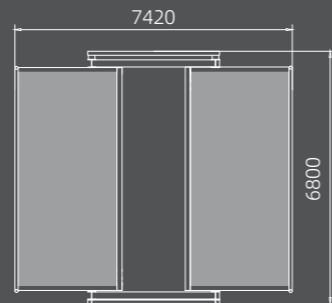
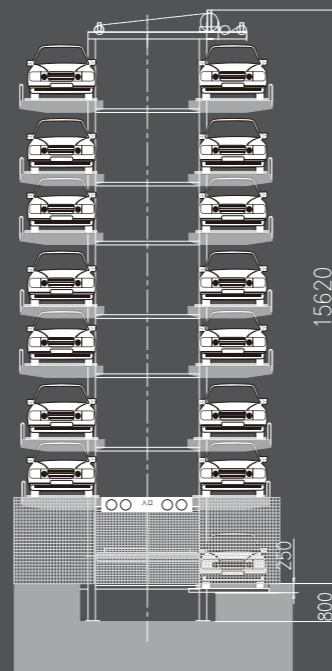
Green and low carbon

The design concept of energy saving and environmental protection To achieve low vibration, low noise, low energy consumption operation

According to local conditions, installation gets more prompt and efficient

It's suitable for the efficient and integrated utilization of hospitals, commercial complexes, urban public carpark and urban old renovation spaces
Only 10 days to install, truly achieve "maximum space, minimum impact"

● Color Matching

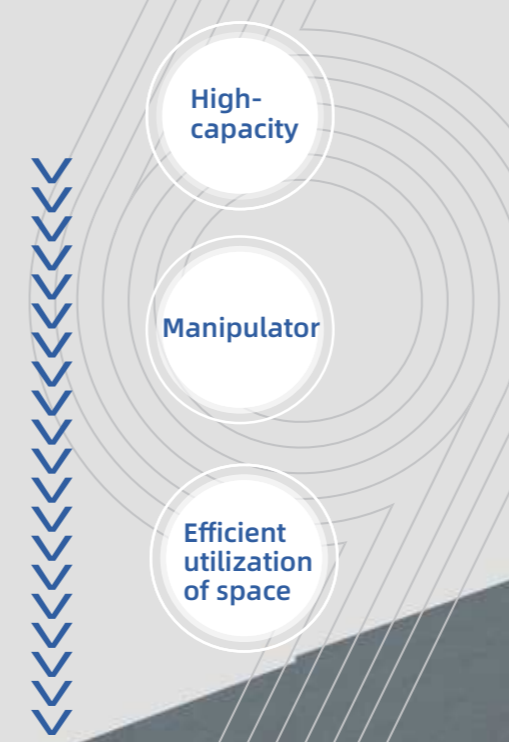


Technical parameters		
Car lots	13 Suv/15 Seden/17 Suv/21 Seden	
Permission car size	5300*1900*1550mm car weights≤2350KG	
System dimension	Length	7420 mm(auto door is included in)
	Width	6800 mm
	Height	16825mm/16250mm/21260mm/21495mm
Entering mode	Drive through	
Operation method	Button+swipe IC card	
Lifting method	Motor+chain Main motor P=15KW	
Lifting speed	45m/min	
Control method	PLC control	
Power supply request	3 phases 5 wires 380V,50HZ, 20KVA	

Vehicle load of 2600kg can be customized by the request.

ROBOT TYPE LARGE ELEVATOR CAR

ROBOT ARM CAR PLATFORM



SINGLE LAYER MINIMUM

1700MM

● MOVE VERTICALLY



Overview

The PCS large elevator mechanical arm vertical lifting products are independently developed by our company. They are equipped with an automatic elevator and a lateral movement mechanism and access device on the elevator frame, equipped with advanced navigation instructions, and do not require a driver to reverse, jointly completing the transportation and access of vehicles at various positions. Parking around 6-12 vehicles on a single level can provide more parking spaces in situations where height and site area are limited.

Equipment characteristics

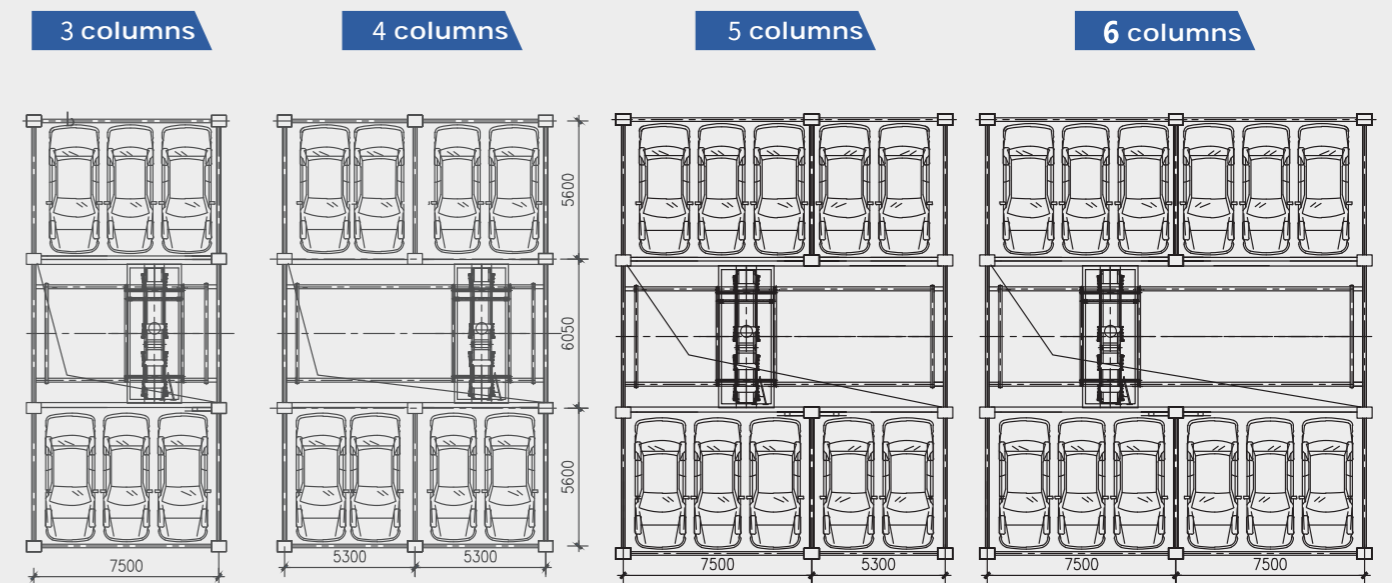
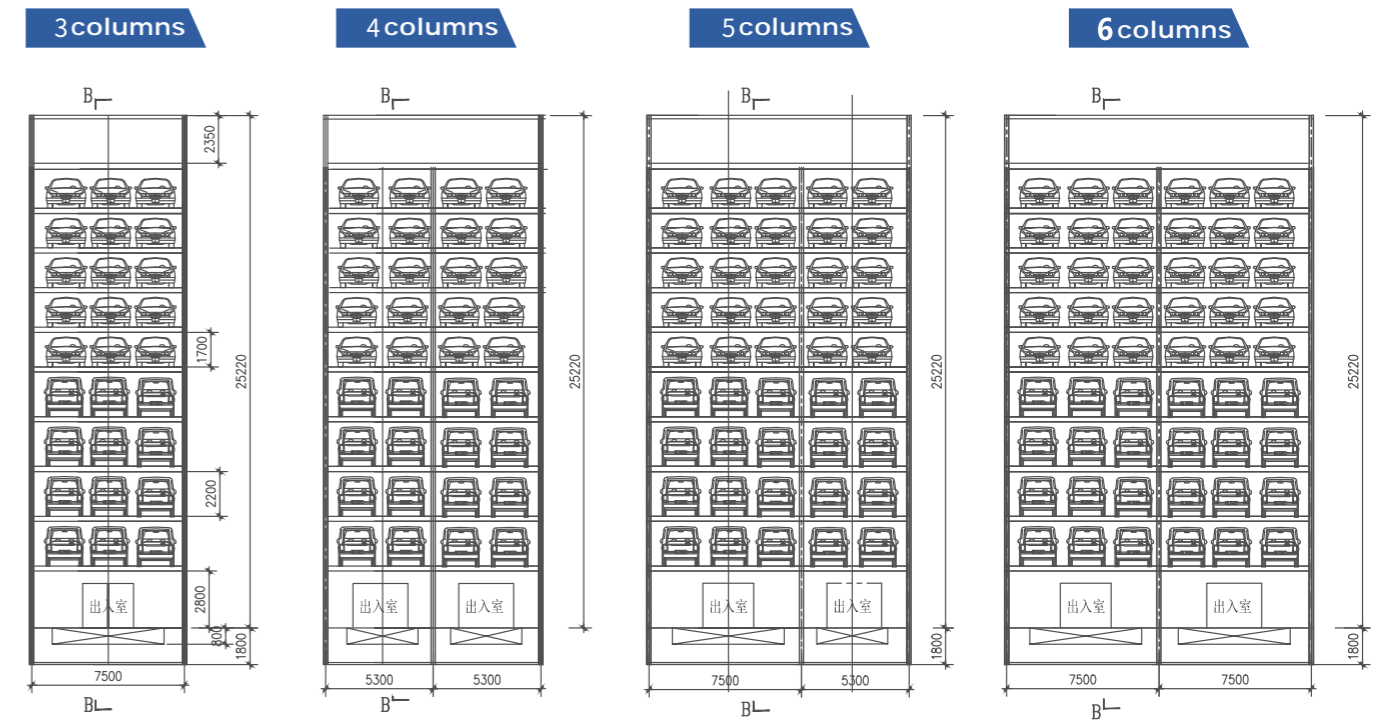
- Less land occupation, larger vehicle capacity, greatly improving land use efficiency.
- Adopting touch screen configuration control, it can comprehensively monitor the operation of the garage.
- Layout method
- High intelligence
- Intelligent management
- Security
- Green and environmentally friendly

Unique technology

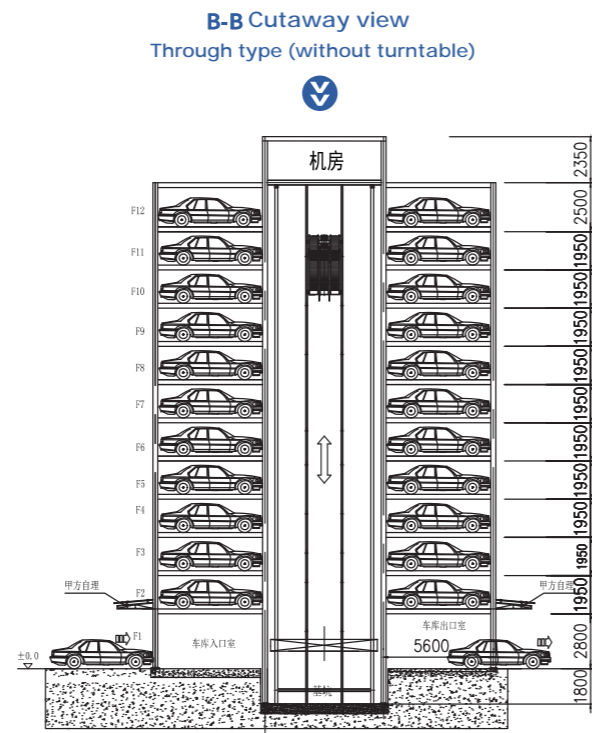
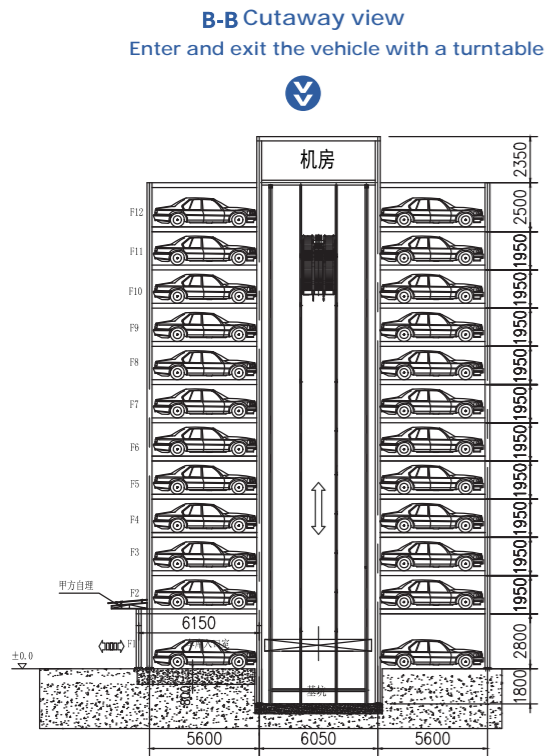
- The lifting system adopts a vertical moving mechanism, and the capacity of each floor can reach 12 vehicles.
- The transporter uses a robotic arm.
- Automatic centering mechanism and vehicle correction are installed at the entrance and exit to ensure smooth operation.

6-12 Capacity per layer
cars

ROBOT ARM CAR PLATFORM



ROBOT ARM CAR PLATFORM



INTELLIGENT PARKING EQUIPMENT TECHNICAL

PARAMETER SPECIFICATION SHEET

Model	PCS ROBOT ARM CAR PLATFORM	
Name	PCS	
Number of parking spaces		
Operating mode	Swipe card or license plate recognition operation	
Parking Method	Forward in, forward out	
Maximum Car Dimension	Car	SEDEN /SUV
	Car length (mm)	≤5300
	Car width (mm)	≤1900
	Car height (mm)	≤1550
Automatic entrance and exit doors	Car weight (kg)	≤2500
	Width (mm)	2500
Power	Height (mm)	2200
	Powered by	3-phase 5-wire 380V 50Hz
Main lifting motor	For control purposes	24V 220V
	Speed (m/min)	60~90
Mechanical arm transporter	Motor Power	22 Kw
	Speed (m/min)	45~60
Auxiliary system	Motor Power	2* 1.1 Kw
	1. Monitoring system; 2. Intelligent license plate recognition system; 3. Fee management system.	

Vehicle load of 2800kg, 3000kg can be customized by the request.

ROBOT TYPE

MULTICHANNEL ROUND PARKING TOWER

No car board

Low floor height

Manipulator



ROUND LANDSCAPE GARAGE-MULTIDIMENSIONAL ACCESS



• Unique technology

- The PCS circular tower warehouse does not have long horizontal lanes, but a multi-layered cylindrical structure, with storage spaces arranged radially in the circumferential direction on each floor, with 8-12 parking spaces per floor.
- The host performs three-dimensional actions such as lifting, rotating, and accessing. No load vehicle board, using mechanical arms, fast access speed, large capacity, expandable number of entrances and exits, improving operational efficiency.

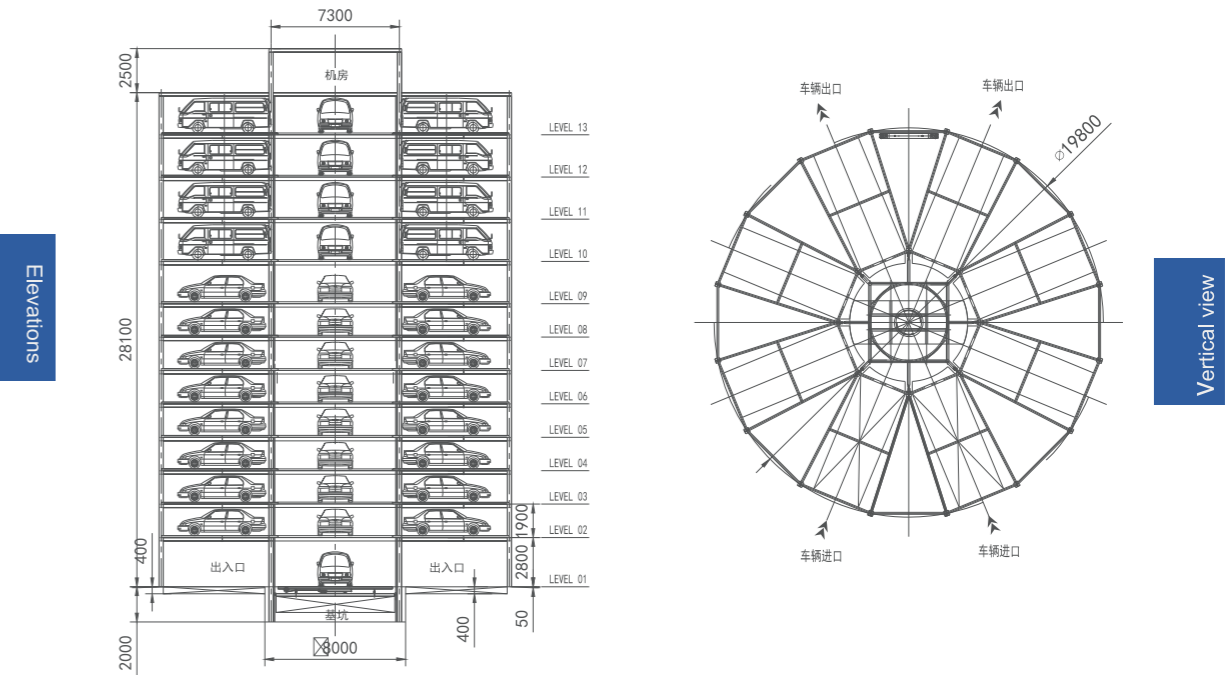
Technique Specification

Mode	PCS Round Tower	
Car	T/K	
Operation Mode	Swipe card or license plate recognition operation	
Parking Method	Forward in,forward out	
Power supply	Powered by	3-phase 5-wire380V50Hz
	For control purposes	24V 220 V
Maximum Car Dimension	Car length	5300mm
	Car width	1900mm
	Car height	1550/2050 mm
Car weight	2500kg	
Number of parking spaces	8-12	
Height	1.9m(Car height 1550mm)	
	2.4m(Car height 2050mm)	
Drive lifting method	Traction wheel steel wire rope	
Motor Power	30KW	
Main lifting motor Speed	60-90m/min	
Main lifting motor Motor Power	2.2KW	
Mechanical arm	2*1.1 KW	
Mechanical arm transporter	45-60m/min	

Vehicle load of 2800kg, 3000kg can be customized by the request.

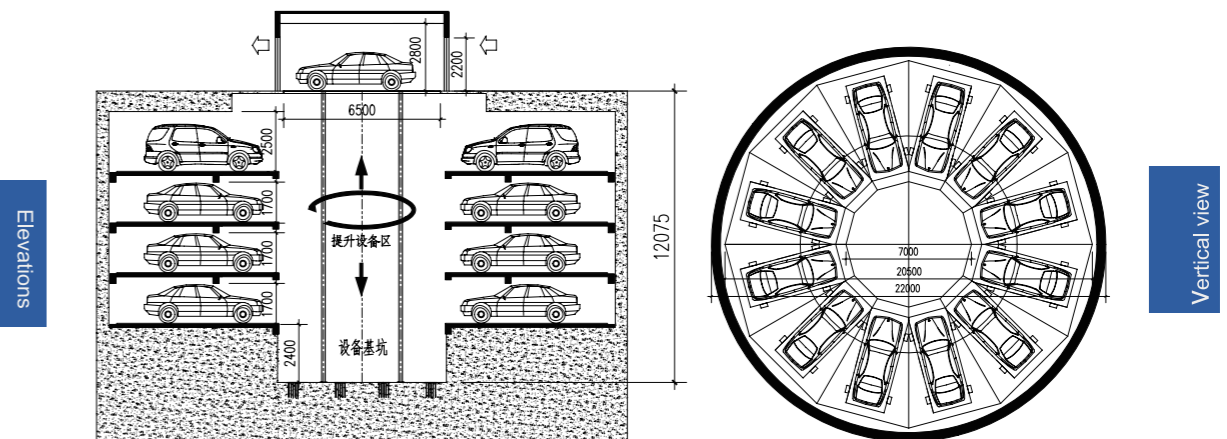
PCS Round Tower

Ground circular tower



PCS Round Tower

Sinking well circular tower





NINGBO CIXI HOUSING AND CONSTRUCTION BUREAU



QINQIAO WEST PARKING LOT



SHENZHEN NAN-SHAN SECOND FOREIGN LANGUAGE SCHOOL (GROUP) HYDE SCHOOL



Sham Shui Po, Hong Kong



LAOSHAN
QINGLING ROAD
PARKING LOT



HANGZHOU MIDU
BRIDGE



SHAOXING CEN-
TRAL HOSPITAL



NANXI WATER
CULTURE ECO-
LOGICAL PARK
PROJECT





ZHANGJIAJIE
FIRST PARKING LOT



BINHAI
INTERNATIONAL



JIANGNAI ROAD
STEREOSCOPIC
PUBLIC PARKING LOT



FOSHAN CREATIVE
INDUSTRY PARK





RUIJING ROAD STEREO
PARKING BUILDING



JIANGNAI ROAD
STEREOSCOPIC
PARKING LOT



WATER DREAM
WUCHANG STORE



STATE GRID
JIANGSU ELECTRIC
POWER COMPANY





Malaysia
Wisma IAV Builders



Malaysia
MP759 project



Malaysia
MP704 project



Thailand
Sukhumvit 77 project





Thailand
Siamese Sukhumvitt
48 Project



Thailand
Sun Vending
Technology Project



Thailand
Siamese Sukhumvit
87 Project



Mongolia
Orchlon Twin tower
project





Mongolia
Orchlon Tower C
Block Project



Singapore
120 Rangoon Road



Singapore
Rangoon Road



Singapore
Race Course Road 66





Singapore
Race Course Road 188



Singapore
Lor 25A



Singapore
High Street



Singapore
Cavan Road





Singapore
168 Rangoon Road



Singapore
52 Steven Road



Singapore
Somme Road



Singapore
229 River Valley

